

The mechanical advantage is therefore $\frac{r_1 - r_2}{2r_1}$

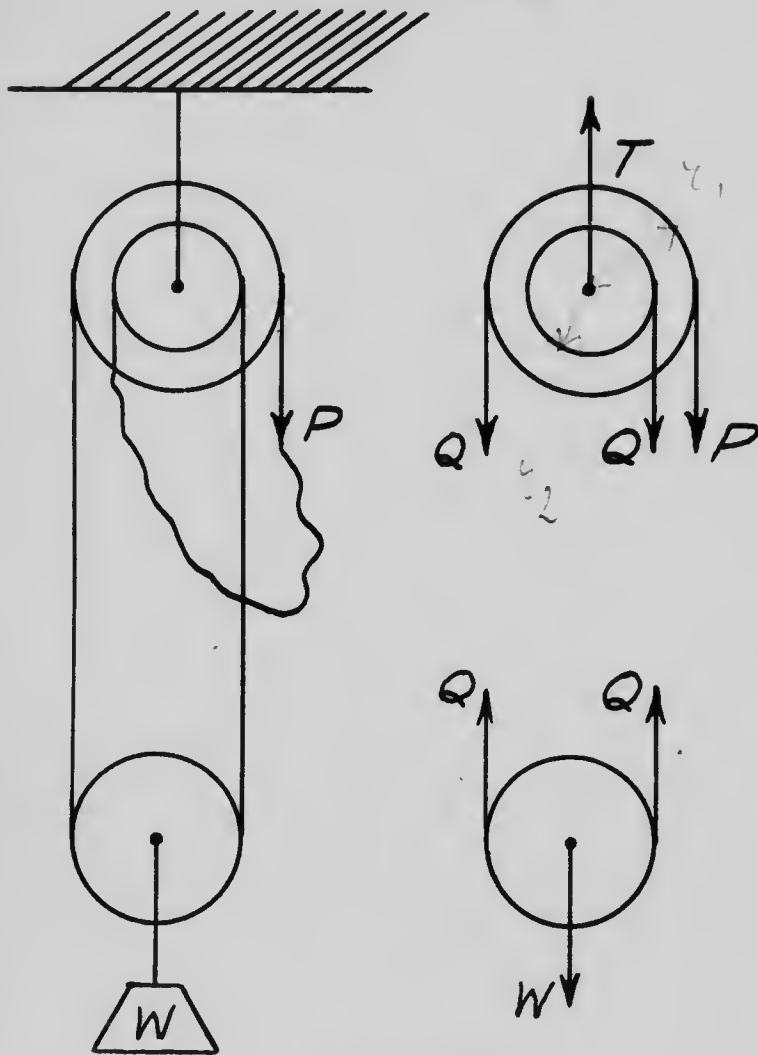


Fig. 99.

Hence the smaller the difference between r_1 and r_2 , the greater the advantage and the slower the pulley will act.

This is sometimes called the differential chain block.